2 Abstract DNA encoding a parathyroid hormone receptor; 3 production and isolation of recombinant and synthetic 4 parathyroid hormone receptor polypeptides and fragments; 5 antibodies to parathyroid hormone receptors and receptor 6 fragments; methods for screening candidate compounds for 7 antagonistic or agonistic effects on parathyroid hormone 8 receptor action; and diagnostic and therapeutic methods of 9 these compounds are disclosed. 10

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